

# **AUSTRALIA TELESCOPE: PARKES OBSERVATORY**

P O BOX 276 PARKES. NSW 2870 Tel (068) 62 3677 FAX: (068) 62-3341 E-Mail: parkes@atnf.csiro.au

## **OBSERVING SCHEDULE FOR 1992 DECEMBER TERM**

### **1. DURATION**

The term starts at 0800 hrs on Tuesday December 1st 1992, and ends 0800 hrs on Thursday April 1 1993. All times listed are in Eastern Civil Time (i.e. either Standard Time or Summer Time as appropriate).

#### **NOTE**

**CLOSING DATE FOR APPLICATIONS FOR TIME  
FOR APRIL TERM 1993: JAN 31ST 1993**

### **2. DAILY OBSERVING PERIODS AND OIC TIME**

On weekdays, observing time is allocated from 1400 hrs until 0800 hrs the following morning, except on Tuesdays when observing time begins at 1600 hrs. Observing time on week-ends and public holidays runs from 0800 hrs until 0800 hrs the following morning. These times may be varied according to the needs of the Observatory as determined by the Officer-in-Charge.

All time outside the daily observing periods is assigned to the OIC. Observers will not be able to observe during the time assigned to the OIC and must be prepared to relinquish use of the equipment promptly at the end of the scheduled periods.

### **3. TELESCOPE OPERATION**

Whenever the telescope is not stowed a qualified telescope operator must be present in the control room and, in addition, at least one other person must be present in the telescope tower or structure (but not necessarily in the control room).

#### **4. WIND RESTRICTIONS**

Instructions for the operation of the telescope in wind are displayed in the control room. The telescope operator is the person responsible for any action to be taken. No one may override an automatic wind-stow operation initiated by the computer except in any emergency situation as determined by the telescope operator on duty.

#### **5. ACCOMMODATION**

Accommodation at the Quarters is usually available from the night before an observing session starts until the day following the end of observations.

Any CSIRO person whose name is not listed on the program must first obtain permission from their Group Leader before making arrangements. Other observers and intending casual visitors should contact the Observatory Director first. ALL OBSERVERS AND VISITORS MUST ENSURE THAT THE OBSERVATORY IS INFORMED OF THEIR PROPOSED ARRIVAL AND DEPARTURE TIME.

#### **6. MEAL TIMES**

Breakfast: (Self-Service from our Breakfast Bar each day)

Lunch: 1230

Dinner: 1745 (Pre-prepared self-serve meals available on Saturdays)

Please book your meals by writing your name in the book in the dining room.

#### **7. LIASON WITH OBSERVATORY STAFF**

The "**underlined**" observer is that person designated by the observing group as the official contact with observatory staff regarding technical matters, driving requirements etc.

#### **8. VLBI/PTI TIME**

Any team granted VLBI/PTI time will need to arrange their own operators for Tidbinbilla.

#### **9. FAULT REPORTING**

A single fault reporting system has been introduced at the Observatory. Observers should enter any fault or occurrence which has resulted in lost observing time, along with the amount of time lost, into the fault diary located in the control room.

## LIST OF INSTITUTIONS

AAO	Anglo Australian Observatory	S.T.Sc.I.	Space Telescope Science Institute
AMES	AMES Research Centre	SU	Sydney University
ASC	Astro Space Centre Russia	UB	University of Basel
AR	Arecibo Observatory	U BONN	University of Bonn
ATNF	Australia Telescope National Facility	UCHIL	University of Chile
BOL	Bologna	UMA	University of Maryland
CfA	CfA, Cambridge	UMELB	University of Melbourne
CRL	Communications Research Labs	UM	University of Montreal
CU	Curtin University	UNSW	University of New South Wales
HS	Harvard -Smithsonian Centre for Astrophysics	U TAS	University of Tasmania
IL	University of Illinois	U WASH	University of Washington
JB	Jodrell Bank	UP	University of Palermo
JPL	Jet Propulsion Labs	UWA	University of Western Australia
KI	Kapteyn Institute	UWS	University of Western Sydney
MO	Meudon Observatory		
MPI	Max Plank Institute		
MSSSO	Mt. Stromlo and Siding Springs Observatory		
NAO	National Astronomy Observatory (Japan)		
NRL	Naval Research Labs		
NFRA	Netherlands Foundation for Research in Astronomy		
OSO	Onsala Space Observatory		
QU	Queens University Belfast		
ROE	Royal Observatory Edinburgh		
PU	Princeton University		
RP	CSIRO Division of Radiophysics		
SETI	SETI Institute		

Date	Project	$\lambda$ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
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*John  
Amey*

<b>DEC</b>	<b>PO50(1)</b> Pulsar Survey and Timing	70cms	430	Cavity Disk	Own	Own	
Tue 01	<b>Manchester</b> Johnston Glowacki (ATNF) Lyne Bailes Harrison Robinson Lorimer (JB) D'Amico Nicastro (Bol) Kaspi (PU)	50cms	640	Cavity Disk			
Wed 02							
Thu 03							
Fri 04							
Sat 05							
Sun 06							
Mon 07							
Tue 08							
Wed 09							
Thu 10							
Fri 11							
Sat 12							
Sun 13							
Mon 14	Installation and Pointing 6.6/12GHz Receiver <b>ATNF STAFF</b>						
Tue 15	<b>PO94</b> Methanol Studies of Low and Intermediate Mass Star Formation Regions <b>Hyland</b> (UNSW) Robinson Bourke James (A.D.F.A.)	4.5cm	6.668 GHz	6 GHz	Corr. 4MHz	SPECTRA SPOT	
Wed 16							

*John  
Amey*

Date	Project	$\lambda$ (cm)	Freq	Feeds/ Vertex	Backend	Computer Programs	Comments
<b>DEC</b>	<b>PO63</b>						
Thu 17	Galactic and Magellanic Cloud Methanol Masers	2.5cm	12..2	12	Corr. 8MHz	SPECTRA SPOT SPC	
Fri 18	<u>Caswell</u> Norris (ATNF) Vaille	4.5cm	6...6 GHz	6	Corr. 4MHz		
Sat 19	(UWS)						
Sun 20	Ellingsen(UTas)						
Mon 21							
Tue 22							
Wed 23							
Thu 24	<b>CHRISTMAS SHUTDOWN</b>						
Fri 25							
Sat 26							
Sun 27							
Mon 28							
Tue 29							
Wed 30							
Thu 31							
<b>JAN</b>							
Fri 01							
Sat 02							
Sun 03							

Date	Project	$\lambda$ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
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<b>JAN</b>	<b>PO95</b> A Survey of Z=1.3 Quasars for Redshifted HI Emission	50cm	615 MHz	Dual Lin.	Corr. 32MHz	SPECTRA	
Mon 04	<b>Beasley</b> Rupen (NRAO) Amy (SU)						
Tue 05							
Wed 06							
Thu 07							
Fri 08	<b>PO05(1)</b> OH/IR Stars and Galactic Centre Distances	18cms	1612 MHz	Dual Circ.	Old Corr.	SPECTRA SLAP SPOT	
Sat 09	<b>Chapman</b> Caswell Killeen (ATNF) te Lintell-Hekkert (MSSSO) Harnett (SU)						
Sun 10							
Mon 11							
Tue 12	<b>PO42</b> Search for OH Maser Emission	18cm	1612 MHz	Dual Circ	Corr. 4MHz	SPECTRA SLAP SPOT	
Wed 13	<b>PO50(2)</b> 20cm Pulsar Timing	20cm	1500 MHz	Wideband H-OH	Own	Own	
	<b>Manchester</b> et al						

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Date	Project	$\lambda$ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
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*J. awg.*

<b>JAN</b>	<b>Vacation Scholar Program</b>	20cm	1500 MHz	H--OH			
Thu 14	<i>Michael</i> <del>3? 5.5 hr</del> <i>3 RW from 1683</i> <i>5.5 hr</i> <i>have.</i>						
Fri 15							
Sat 16							
Sun 17							
Mon 18	Pointing and System Tests	3cm		Noddy			
Tue 19	<b>ATNF STAFF</b>			Dual Beam			
Wed 20							
Thu 21							
Fri 22	<b>VO38</b>	13cm	2.3 GHz	S Band Circ. RCP	PTI		<u>Times AEST</u> 22/1 1530-2030 23/1 0900-0400 24/1 24/1 2055-0800 25/1
Sat 23	PTI						
Sun 24	Aspect Dependence of Optical Continuum in Radio Quasars						
	<b>Baker</b> Hunstead (SU) Kapahi Subrahmanya (TIFR)						

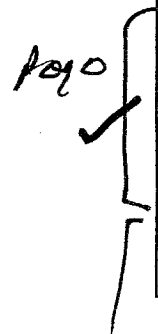
Date	Project	$\lambda$ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
<b>JAN</b>	<b>PO50(3)</b> Pulsar Survey and Timing	70cms	430	Cavity Disk	Own	Own	
Mon 25	<b>Manchester</b> Johnston Glowacki						
Tue 26	(ATNF) Lyne Bailes Harrison	50cms	640	Cavity Disk			
Wed 27	Robinson Lorimer (JB)						
Thu 28	D'Amico Nicastro (Bol)						
Fri 29	Kaspi (PU)	20cms	1400 MHz	Wideband H-OH			
Sat 30							
Sun 31							
<b>FEB</b>							
Mon 01							
Tue 02							
Wed 03							
Thu 04							
Fri 05							
Sat 06							
Sun 07							
Mon 08	<b>PO55</b> Is the Cosmological Principle	21cm	1.4 GHz	H-OH	Corr.	SPECTRA	
Tue 09	Correct?						
Wed 10	<b>Mathewson</b> Ford (MSSSO)						
Thu 11							



Date	Project	$\lambda$ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
<b>FEB</b>	<b>VO17</b>	3.6 cms	8410 MHz	3cm RCP	VLBI MKIII		<u>Times AEST</u>
Fri 12	VLBI MKIII/PTI						12/2 1415-0030 13/2
Sat 13 Sun 14	VLBI Positions of Southern Radio Stars						14/2 1520-0700 15/2
	<b>Reynolds</b> Jauncey Tzioumis (ATNF) Johnston Russell (NRL) King McCulloch Lovell(UTas) White(UWS)						
Mon 15	<b>VLBI Block</b>						
Tue 16	<b>Reynolds</b>						
Wed 17							
Thu 18							
Fri 19							
Sat 20							
Sun 21							
Mon 22							

Date	Project	$\lambda$ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
FEB Tue 23 Wed 24	<b>POO5(2)</b> OH/IR Stars and Galactic Centre Distances <b>Chapman</b> Caswell Killeen (ATNF) te Lintell-Hekkert (MSSSO) Harnett (SU)	18cms	1612 MHz	Dual Circ.	Old Corr.	SPECTRA SLAP SPOT	
Thu 25	<b>PO50(4)</b> 20cm Pulsar Timing <b>Manchester</b> et al	20cm	1500 MHz	Wideband H-OH	Own	Own	
Fri 26 Sat 27 Sun 28	<b>PO50(5)</b> Pulsar Survey and Timing <b>Manchester</b> Johnston Glowacki (ATNF) Lyne Bailes Harrison Robinson Lorimer (JB) D'Amico Nicastro (Bol) Kaspi (PU)	70cm	430	Cavity Disk	Own	Own	
MAR Mon 01 Tue 02 Wed 03 Thu 04	Installation and Pointing K Band Receiver <b>ATNF STAFF</b>						

Date	Project	$\lambda$ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments						
<b>MAR</b>	<b>PO10</b>	1.3cm	23.5 to 23.8 GHz	K Band	Corr. 4 & 8 MHz	SPECTRA SPOT							
Fri 05	Ammonia Observations of Bok Globules												
Sat 06	<u>Hyland</u> (UNSW) Bourke												
Sun 07	Robinson James (ADFA)												
Mon 08													
Tue 09													
Wed 10													
Thu 11													
Fri 12													
Sat 13													
Sun 14													
Mon 15													
Tue 16													
Wed 17	<b>PO75</b>							1.3cm	23.7 GHz	K Band		SPECTRA	
Thu 18	A Survey for Ammonia Line												
Fri 19	Emission from Southern Dense Cores												
Sat 20	<u>Myers</u> Villias-Boas Fuller (HS)												
Sun 21													
Mon 22													
Tue 23													



Date	Project	$\lambda$ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
<b>MAR</b> Wed 24 Thu 25 Fri 26 Sat 27 Sun 28	<b>PO90</b> Southern Survey for Extragalactic Water Masers <b>Greenhill</b> Moran (HS) Norris (ATNF)	1.3cm	22.16 GHz	K Band	Corr. 64MHz	SPECTRA	
Mon 29	Installation and Pointing Multiband Receiver <b>ATNF STAFF</b>	3cm		Noddy Dual Beam			
Tue 30 Wed 31	<b>PO05(111)</b> OH/IR Stars and Galactic Centre Distances <b>Chapman</b> Caswell Killeen (ATNF) te Lintell-Hekkert (MSSSO) Harnett (SU)	18cms	1612 MHz	Dual Circ.	Old Corr.	SPECTRA SLAP SPOT	

PO90 ✓

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